

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND
DOMESTIC ANIMALS**

DANGER

CORROSIVE
CAUSES SEVERE BURNS OF EYES
EYE CONTACT MAY CAUSE LOSS OF VISION
IRRITATING TO NOSE AND THROAT
MAY BURN THE SKIN - MAY BE
FATAL IF SWALLOWED

Do Not Breathe Mist or Vapor
Do Not Get in Eyes, on Skin, or on Clothing
Impact-resistant Goggles with Side-shields or Face Shield
and Rubber Gloves Must be Worn when Handling
Use with Adequate Ventilation

ENVIRONMENTAL HAZARD
This product is toxic to fish. Apply this product only as specified
on this label. Do not contaminate water by cleaning of equipment
or disposal of wastes.

NOTE Do not discharge into lakes, streams, ponds, or public
waters unless in accordance with a NPDES permit. For guidance,
contact your regional office of the EPA.

CHEMICAL AND PHYSICAL HAZARDS
Reaction with strongly reducing agents may be explosive. Avoid
mixing.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product
in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE Store in dark, cool, dry, well-ventilated area, not above
40°C, in well-closed original containers away from energy sources,
combustible organic materials, oxidizers and moisture. When
handling or dealing with spills, use impact resistant goggles with
side shields or face shield, wear body-covering clothes, including
impervious rubber gloves and boots, use a respirator if
mistling occurs.

PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous.
Improper disposal of excess pesticide, spray mixture, or rinsate
is a violation of Federal Law. If these wastes cannot be disposed
of by use according to label instructions, contact your State
Pesticide or Environmental Control Agency, or the Hazardous
Waste representative at the nearest EPA Regional Office for
guidance.

CONTAINER DISPOSAL Triple rinse (or equivalent). Then offer
for recycling or reconditioning, or puncture and dispose of in a
sanitary landfill or incineration, or if allowed by state and local
authorities by burning. If burned, stay out of smoke.

SPILLS Cover wet spills with 10% sodium bicarbonate solution,
water and then add an inert absorbent before sweeping up and
disposing as described for pesticide disposal. If drum contents
are contaminated or decomposing, isolate unopened drum in the
open or in a well-ventilated area, flood with 10% sodium bicar-
bonate solution and large volumes of water, if necessary.

(Continue on column 3)

BIOBROM C-103L DBNPA

**A MICROBICIDAL BACTERICIDE, FUNGICIDE,
ALGICIDE AND SLIMICIDE, IN TREATING
RECIRCULATING COOLING WATER IN INDUSTRIAL COOLING
SYSTEMS AND FOR PAPER MILLS**

ACTIVE INGREDIENT: 2,2-Dibromo-3-nitropropionamide 20%
INERT INGREDIENTS 80%

TOTAL 100%

10 LBS BIOBROM C-103L LIQUID per GALLON

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush eyes immediately with plenty of water for at least 15 minutes and
get medical attention at once.
If on skin: Wash with soap and plenty of water. Wash contaminated clothing before
reuse.
If swallowed: Induce vomiting immediately by giving two glasses of water and sticking
finger down throat. Repeat until vomit is clear. Call a physician. Never
give anything by mouth to an unconscious person.

WASH THOROUGHLY AFTER HANDLING
See side panels for additional precautionary statements

EPA Reg. No. 8622-20

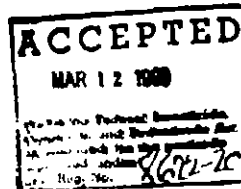
EPA Est. No. 15298-IS-1
EPA Est. No. 36303-NJ-1

Manufactured by

BROMINE COMPOUNDS LTD.
P.O. Box 180, Beer-Sheva 84101
ISRAEL

for

AMERIBROM INC.
1250 Broadway
New York, N.Y. 10001
UNITED STATES OF AMERICA



**DIRECTIONS FOR TREATING
INDUSTRIAL RECIRCULATING COOLING WATER
IN INDUSTRIAL COOLING SYSTEMS**

NOTE Add BIOBROM C-103L separately to the system. Do not
mix it with other additives, so as to avoid decomposition of
BIOBROM C-103L due to the high pH of many additive
formulations.

Add BIOBROM C-103L to the basin (or any other point of uniform
mixing). Addition should be made via a metering pump; it may
be continuous or intermittent, depending on the severity of the
contamination when treatment is begun, and the in-system retention
time. Optimum performance with this product is achieved by
continuous or intermittent treatment. If "shock" treatment is used,
the blowdown should be discontinued for 24-48 hrs.

FOR CONTROL OF BACTERIA

Add 0.00095-0.0095 gal of BIOBROM C-103L/1000 gal of water in
the system, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add
0.0048-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add
0.0024-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system, every 4 days, or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add
0.0048-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system.

Subsequent Dose: Maintain this level by pumping a continuous
feed of 0.00095-0.0048 gal of BIOBROM C-103L/1000 gal of water in
the system lost by blowdown.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add 0.029-0.095 gal of BIOBROM C-103L/1000 gal of water in the
system, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add
0.0048-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add
0.0024-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system daily or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add
0.0048-0.0095 gal of BIOBROM C-103L/1000 gal of water in the
system.

Subsequent Dose: Maintain this treatment level by pumping a
continuous feed of 0.0029-0.0095 gal of BIOBROM C-103L/1000 gal of
water in the system per day. **Badly fouled systems** must be
cleaned before treatment is begun.

(Continue on column 4)

**DIRECTIONS FOR TREATING
PULP AND PAPER MILL SYSTEMS**

NOTE Add BIOBROM C-103L separately to the system. Do not
mix it with other additives, so as to avoid decomposition of
BIOBROM C-103L due to the high pH of many additive
formulations.

For the control of bacterial, fungal, and yeast growth in pulp, paper
and paperboard mills, add BIOBROM C-103L at levels of
0.15-0.50 lb./ton (dry) of pulp or paper produced.

Addition can be continuous or intermittent, depending upon the
type of system and the severity of contamination. Addition is via
a metering pump at a point in the system that will ensure uniform
distribution of BIOBROM C-103L in the mass of fiber and water,
such as the beaters, Jordan mill or discharge broke, chests, furnish
chests, save alls, and white water tanks.

Heavily fouled systems must first be blown out, then treated with
0.15-0.35 lb. of BIOBROM C-103L/ton (dry) of paper or pulp, as
necessary for control.

Moderately fouled systems should be treated continuously with
0.35-0.50 lb. of BIOBROM C-103L/ton (dry) of paper or pulp, until
the same accumulation is obtained. Subsequent rates can then
be reduced to 0.15-0.35 lb. of BIOBROM C-103L/ton (dry) of paper
on a continuous or intermittent basis, as needed for control. Dis-
lodged slime may cause breaks in the paper and clean up of the
paper machine may be advisable.

Slightly fouled systems should be treated continuously with
0.15-0.35 lb. of BIOBROM C-103L/ton (dry) of paper or pulp, until
the same is obtained, then added on an intermittent basis to main-
tain control.

**DO NOT SHIP WITH FOOD, FEEDS, DRUGS
OR CLOTHING**

**KEEP CONTAINER TIGHTLY CLOSED WHEN
NOT IN USE**

**TO MAINTAIN PRODUCT QUALITY, STORE IN THE
DARK AT TEMPERATURES BELOW 40°C.**

Net contents: LBS./ KG.

WARRANTY

Seller warrants that the product conforms to its chemical descrip-
tion and is reasonably fit for the purposes stated on the label when
used in accordance with directions under normal conditions of
use, but neither this warranty nor any other warranty of MER-
CHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE
express or implied, extends to the use of this product contrary
to label instructions, or under abnormal conditions, or under con-
ditions not reasonably foreseeable to seller, and buyer assumes
the risk of any such use.

IN CASE OF EMERGENCY CONTACT:

CHEMTREC (800) 424-9300

OR

AMERIBROM, INC.
1250 Broadway, New York, N.Y. 10001
Call Collect: (212) 563-4600

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